Uniden®

UH043SX-2NB

UHF CB Transceiver

For more exciting new products please visit our website:
Australia: www.uniden.com.au
New Zealand: www.uniden.co.nz

OWNER'S **MANUAL**

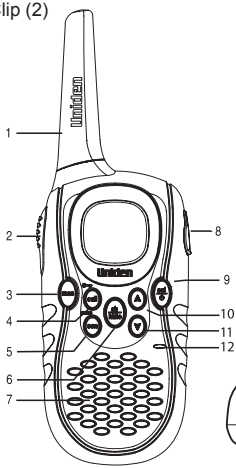
Controls & Indicators

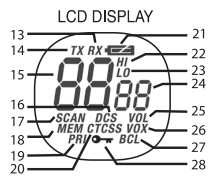
Included in your Package

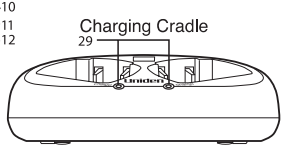
- UH043SX-NB Radio (2)
- Operating Guide
- Belt Clip (2)
- Charging Cradle with AC Adaptor
- NiMH Battery Pack (2)
- VOX Headset (2)

Optional Accessories

- VOX Earset
- Carry Case
- Speaker Mic







1 Antenna
2 PTT(Push-To-Talk) Key
3 Monitor Key
4 Keylock/Call Key
5 Memory/Scan Key
6 Channel/Power Hi-Lo Key
7 Speaker
8 Headset Jack
9 Select/Power On-Off Key
10 Volume/Select Up Key
11 Volume/Select Down Key
12 Microphone
13 Receive Indicator
14 Transmit Indicator
15 Channel Indicator
16 DCS ON Indicator
17 Scan Indicator
18 Memory Indicator
19 Priority Channel Indicator
20 CTCSS ON Indicator
21 Battery Level Indicator
22 HI Transmit Indicator
23 Lo Transmit Indicator
24 CTCSS and DCS Code/Volume Level Indictor
25 Volume Setting Indicator
26 VOX Indicator
27 Busy Channel Lockout Indicator
28 Keypad Lock Indicator
29 Charging LEDs

Getting Started

NOTE

Uniden does not represent this product to be waterproof. Do not expose this product to Rain or Moisture.

Battery Installation

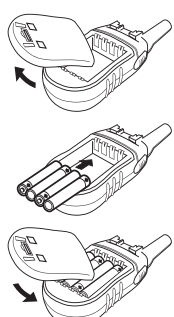
Your UH043SX-2NB unit uses the included NiMH battery pack for power. The unit can be powered with optional 4 AAA ALKALINE batteries.

NOTE

If you don't use the UH043SX-2NB for long periods, Uniden recommend removing the batteries. The UH043SX-2NB is designed to retain the previous user settings. This feature will continue to use a small amount of battery power while the unit is switched off.

To avoid damage to the unit do not mix old and new batteries.

To install the batteries:



1. Make sure your radio is off.
2. Release the battery cover clip, then remove the battery cover.
3. Insert NiMH battery pack according to the orientation on the battery pack.

OR

Insert 4 AAA ALKALINE batteries (not included) according to the polarity symbols inside the battery compartment.

4. Align the battery cover tabs with the UH043SX-2NB tab holes then replace the cover clip.

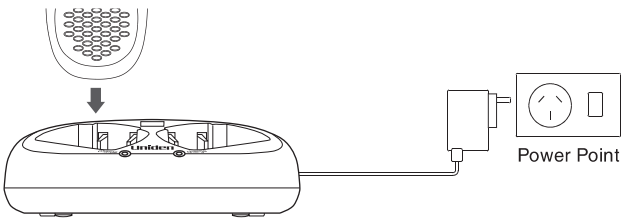
NOTE

Do not charge alkaline or non rechargeable batteries.

Getting Started

Installing the Charge Cradle

1. Plug the AC adaptor into the rear of the charge cradle and into the mains power.



2. Place the UH043SX-2NB into the charge cradle. The charge light will come on to indicate the unit is charging.

3. Before operating the UH043SX-2NB, charge the battery pack for 16 hours.

NOTE Do not charge alkaline or non rechargeable batteries.

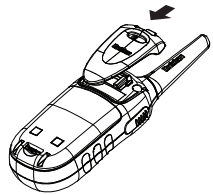
User License Information

NOTE The citizen band radio service is licenced in Australia by ACMA Radio-communications (Citizen Band Radio Stations) Class Licence and in New Zealand by MED General User Licence for Citizen Band Radio and operation is subject to conditions contained in those licences.

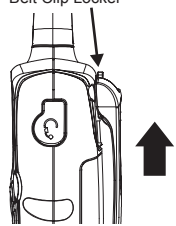
Getting Started

Belt Clip

To attach the belt clip:
Slide the belt clip until it snaps into place.



Belt Clip Locker



To remove the belt clip:
To remove the belt clip, press and hold belt clip locker, slide the belt clip at the same time until released.

Low Battery Alert

If the battery level becomes low, the battery indicator icon on the display begins flashing. When the batteries in the unit are low, the unit will go into a battery Low mode. The Transmit mode is disabled. Replace the alkaline batteries immediately or if you are using the NiMH battery pack, place the radio on the charge cradle to recharge. Full charge will take up to 16 Hrs.

Back Light

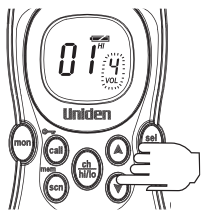
The UH043SX-2NB has an automatic display back light which remains on for 10 seconds after a key press (all keys except PTT key). The back light will work even if the keypad is locked but will not work during low battery alert mode.

Operation

Power On/Off

1. Press and hold **SELECT** / ⏻ key to turn the radio on. A channel number will appear on the display.
2. Press and hold **SELECT** / ⏻ key to turn the radio off.

Volume



Press ▲ or ▼ key to increase or decrease the volume level. 'VOL' icon appears on the display while volume is being adjusted.
There are 8 volume levels. Level 0 (No Audio) to Level 7 (Maximum Volume).

Adjusting the Key Beeps

Your radio emits a beep each time one of the keys (except for the PTT key) is pressed.

1. To turn OFF this beep: Press and hold 🔑 / **CALL** key while turning on the radio.
2. To turn ON this beep: Press and hold 🔑 / **CALL** key while turning on the radio.

Roger Beep

Roger Beep is a BEEP that is sent to notify the end of transmission (both PTT and VOX transmission.) Roger Beep can be heard through the speaker when Key Beep is on. Roger Beep is transmitted even if Key Beep is turned off. However, Roger Beep will not be heard from the speaker.

1. To turn OFF Roger Beep: Press and hold ▲ key while turning on the radio.
2. To turn ON Roger Beep: Press and hold ▲ key while turning on the radio.

Keylock On/Off

1. Press 🔑 / **CALL** key for 1.5 seconds to enter keylock on mode.
2. Press 🔑 / **CALL** key for 1.5 seconds while in Keylock mode to exit the Keylock mode.

> ⚠ ***NOTE***
>
> While in Keylock on mode, the UH043SX-2NB can still receive and transmit.

Operation

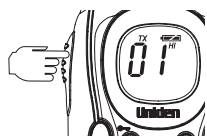
Selecting a Channel

1. Press **CH / HI / LO** key momentarily to activate channel select mode. The displayed channel will flash.
2. Press ▲ or ▼ key to select the desired channel.

> ***NOTE*** Refer to channel guidelines on page 12. For Australia, Channels 05 and 35 are reserved for Emergency Calls.

3. Press **CH / HI / LO** key momentarily to exit channel select mode. If no key is pressed within 5 sec the UH043SX-2NB will exit from the channel select mode.

To Transmit and Receive



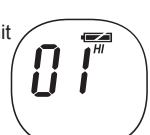
The UH043SX-2NB uses the UHF-CB Channels **(Channels 22 and 23 are for telemetry and telecommand applications. Transmit is inhibited on these channels).**

1. Before you transmit, listen for activity on the selected channel.
2. When the channel is clear, press and hold the **PTT** key to transmit. **TX** icon appears on the display.

Hold the radio with microphone approximately 5 cm in front of your mouth with the antenna at approximately 45° angle away from your head. Speak in a clear, normal conversational voice.

3. When you have finished speaking, release the **PTT** and listen for a response. **TX** icon then disappears on the display. While receiving, the **RX** icon is displayed.

Transmit Hi/Lo Power Select



Press and hold **CH / HI / LO** key to select desired transmit level. **HI** icon will appear on the display for maximum transmit level. **LO** icon will appear on the display for minimum transmit level. The RF transmit power of the UH043SX-2NB is selectable between 0.7/0.5 W.

Operation

Automatic Squelch Feature

The UH043SX-2NB is equipped with an Automatic Squelch System which shuts off weak transmissions and unwanted noise.

Monitor

This feature enables users to listen for weak signals on the current channel at the press of a key.

To use monitor

1. Press **MON** key. The **RX** icon will flash.
2. Release within 1.5 seconds and the unit exits Monitor mode.
3. Press and hold **MON** key for 2 seconds for continuous listening.

   The receiver circuit will stay open, letting in both the noise & weak signals. The **RX** icon flashes in this status.
4. To return to normal Receive mode press **MON** key. The **RX** icon disappears or stops flashing in this status.

Scanning

The scan function scans all channels which are stored in the SCAN CHANNEL MEMORY and stops at an active channel. If a PRIORITY channel has been selected then this channel will be monitored for activity every 3 seconds. When the signal stops, the UH043SX-2NB waits 2 seconds (Reply Delay) before scanning resumes.

To initiate scanning;

1. Press **MEM / SCN** key momentarily to begin scanning.
   The **SCAN** icon is displayed.
2. Press **SELECT** / ⏻ , **MEM / SCN** , 🔑 / **CALL** or **PTT** key to cancel.

When scan stops at a busy channel, pressing **CH / HI / LO** key will resume scan.

Operation

Reply Delay

While scanning, the UH043SX-2NB stops at a busy channel and receives a transmission. When the received signal is over, the unit will wait for 2 seconds for the return of the signal, otherwise, the radio resumes scanning.

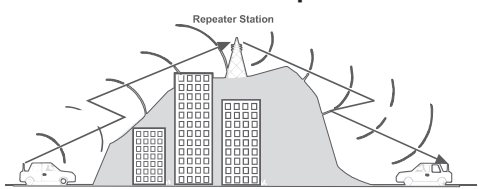
To Operate in Duplex Mode (Repeaters)

The Duplex function enables you to access local repeater stations. You can only activate Duplex from CH01-CH08 and CH41-CH48.

UHF CB Repeaters are used to retransmit or relay your signal. Repeaters will extend the range of your radio and overcome the shielding effect caused by solid obstructions.

NOTE Contact your retailer for a list of repeaters available in your area.

Operation With the Aid of a Repeater



1. Press **SELECT** / ⏻ key six times. dP appears on the display.
2. Press ▲ or ▼ to change 0 to r for CH01-CH08 and 4 to n for CH41-CH48.
3. Press **SELECT** / ⏻ to confirm

To deactivate the duplex operation repeat activation process and change r to 0 or n to 4. UH043SX-2NB will return to normal operation.

NOTE If ▲ or ▼ is pressed when the channel is not from CH01-CH08 or CH41-CH48, an error tone sounds.

CTCSS & DCS

(Continuous Tone Coded Squelch System) & (Digital Coded Squelch)

CTCSS is a feature that allows a group to talk to each other without hearing other users on the same channel.

1. Press **SELECT** / ⏻ key momentarily to enter CTCSS mode. The current selected CTCSS tone flashes.
2. Press ▲ key to select the required CTCSS tone (OFF or 1-38).
3. Press **SELECT** / ⏻ key six times to confirm the selected setting and exit to standby mode.

For channels with a CTCSS tone setting, the CTCSS tone is displayed below the channel indicator. For channels with the setting of CTCSS OFF, there will be no display below the channel indicator.

DCS is a digital extension of CTCSS. It provides 104 extra, digitally coded, squelch codes that follow after the 38 CTCSS codes. CTCSS 1-38, followed by DCS 1-99 plus DCS 100-104 (represented by o0-o4 on the display).

1. Press **SELECT** / ⏻ key momentarily to enter CTCSS/DCS mode.
2. Use ▲ key to select a DCS code. The DCS codes follow on after the CTCSS codes. The DCS icon will replace the CTCSS code on the display.
3. Press **SELECT** / ⏻ key six times to confirm the selected setting and exit to standby mode. The DCS icon will appear when selected. To turn off DCS select CTCSS OFF and no display will show below the channel indicator.

NOTE

Channels 05 and 35 are used for emergency channels. CTCSS and DCS will not operate on these two channels.

Operation

VOX

VOX is the automatic transmitting function by inputting voice into the VOX headset mic without pressing the PTT key.

1. Press **SELECT** / ⏻ key momentarily twice while in standby mode to enter VOX Sensitivity mode. The current selected VOX setting will flash on the display.
2. Press ▲ or ▼ key to adjust the VOX sensitivity. 1 is the highest sensitivity and 4 is the lowest sensitivity. VOX can be turned off by selecting **OF** icon.
3. Press **SELECT** / ⏻ key five times to confirm the setting and exit to standby mode.

The **VOX** icon is shown on the display when VOX is selected to on and the VOX Headset is plugged into VOX Headset Jack.
The **TX** icon blinks when the voice level is possible to transmit at the current selected VOX sensitivity level.

Transmitting a Call Tone

Your UH043SX-2NB radio is equipped with 5 selectable call tones that will be transmitted when the 🔑 / **CALL** key is pressed momentarily.

To select a call tone:

1. Press **SELECT** / ⏻ key momentarily three times while in standby mode to enter Call Tone mode. The current call tone number (C1-C5) will be indicated.
2. Press the ▲ or ▼ key to select desired call tone. Each tone will be heard through the speaker.
3. Press **SELECT** / ⏻ key four times to confirm and exit to standby mode. To transmit the selected call tone, press the 🔑 / **CALL** key. The selected tone will automatically be transmitted for a fixed length of time. Call Tone will be cancelled when the **PTT** key is pressed.

NOTE Current regulations require calling tones to be restricted to one transmission per minute. If a second transmission is attempted within one minute then an error tone will sound.

Operation

Priority Scan Channel

To set a priority scan channel:

1. Press **SELECT** / ⏻ momentarily four times while in standby mode to enter Priority Scan Channel mode. The current priority channel will be indicated.
2. Press ▲ or ▼ key to increase or decrease the desired channel number.
3. Press **SELECT** / ⏻ three times to confirm and exit to standby mode. **PRI** will be displayed when a priority channel has been selected.

BCL (Busy Channel Lockout) On/Off

BCL is used when CTCSS or DCS is selected to prevent transmission when the UH043SX-2NB detects a transmission from another unit using the same CTCSS or DCS code.

To set BCL ON/OFF:

1. Press **SELECT** / ⏻ momentarily five times while in standby mode to enter **BCL ON / OFF** mode. The current BCL status will be indicated.
2. Press ▲ or ▼ key to select **ON** (on) or **OFF** (oF).
3. Press **SELECT** / ⏻ two times to confirm and exit to standby mode. **BCL** will be displayed when BCL on has been selected.

Scan Channel Memory

To store a channel into Scan Channel Memory:

1. Select desired channel using **CH / HI / LO** key and ▲ or ▼ key.
2. Press and hold **MEM / SCN** key. **MEM** will appear on the display.

Repeat steps 1 and 2 to clear channel from Scan Channel Memory.

UHF Channels Guidelines

Always listen on a channel (or observe the receive signal level meter) to ensure it is not already being used before transmitting.

Channels 5 and 35 are used for emergency channels. CTCSS/DCS will not operate on these channels.

Please follow these guidelines for channel use in Australia:

- Channels 05 and 35 are Emergency Channels.
- Channel 11 is a Calling Channel.
- Channels 22 and 23 are for telemetry and telecommand applications, channels 61, 62 and 63 are for future use and TX is inhibited on these channels.

NOTE

General communication is accepted on all other channels with these guidelines:

- Channel 40 - road channel (Australia).
- Channels 01-08 (and 31-38), and Channels 41-48 (and 71-78) are repeater channels.

Important information - 80 Channel UHF-CB channel expansion

To provide all users additional channel capacity within the UHF-CB Band. The ACMA will change the majority of the current wideband 40 channel use to narrowband channel use. This allows for additional channels to be added, up to 80 (77 usable) Channels.

This simply means that the new narrowband radio you have purchased will have more channels than older radios. Please refer to the guidelines above and the channel chart for further channel information.

A list of currently authorised channels can also be obtained from the ACMA website in Australia and the MED website in New Zealand.

NOTE

Interference / Poor Audio

When a new narrowband radio receives a signal from an older wideband radio the speech may sound loud.

Narrowband radios operating on CH41 - CH80 may encounter interference from a nearby wideband radios transmitting on high power on an adjacent channel (frequency).

When an older wideband radio receives a signal from a new narrowband radio the speech may sound quiet - the wideband radio user simply adjusts their radio volume for best performance.

The above situations are not a fault of the radio but a symptom of mixed wideband and narrowband radios in current use. It is expected that as older wideband radios are phased out this issue will be eliminated.

Warranty

UNIDEN UH043SX-2NB UHF CB Transceiver

IMPORTANT: Satisfactory evidence of the original purchase is required for warranty service

Please refer to our Uniden website for any details or warranty durations offered in addition to those contained below.

Warrantor: The warrantor is either Uniden Australia Pty Limited ABN 58 001 865 498 (“Uniden Aust”) or Uniden New Zealand Limited (“Uniden NZ”) as the case may be.

Terms of Warranty: Uniden Aust/NZ warrants to the original retail purchaser only that the UH043SX-2NB (“the Product”), will be free from defects in materials and craftsmanship for the duration of the warranty period, subject to the limitations and exclusions set out below.

Warranty period: This warranty to the original retail purchaser is only valid in the original country of purchase for a Product first purchased either in Australia or New Zealand and will expire one (1) year from the date of the original retail sale.

If a warranty claim is made, this warranty will not apply if the Product is found by Uniden to be:

(A) Damaged or not maintained in a reasonable manner or as recommended in the relevant Uniden Owner’s Manual;
(B) Modified, altered or used as part of any conversion kits, subassemblies or any configurations not sold by Uniden Aust or Uniden NZ;
(C) Improperly installed contrary to instructions contained in the relevant Owner’s Manual
(D) Repaired by someone other than an authorized Uniden Repair Agent in relation to a defect or malfunction covered by this warranty; or
(E) Used in conjunction with any equipment, parts or a system not manufactured by Uniden.

Parts Covered: This warranty covers the Product and included accessories.

User-generated Data: This warranty does not cover any claimed loss of or damage to user-generated data (including but without limitation phone numbers, addresses and images) that may be stored on your Product.

Warranty

Statement of Remedy: If the Product is found not to conform to this warranty as stated above, the Warrantor, at its discretion, will either repair the defect or replace the Product without any charge for parts or service. This warranty does not include any reimbursement or payment of any consequential damages claimed to arise from a Product's failure to comply with the warranty.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is in addition to and sits alongside your rights under either the COMPETITION AND CONSUMER ACT 2010 (Australia) or the CONSUMER GUARANTEES ACT (New Zealand) as the case may be, none of which can be excluded.

Procedure for obtaining warranty service: Depending on the country in which the Product was first purchased, if you believe that your Product does not conform with this warranty, you should deliver the Product, together with satisfactory evidence of your original purchase (such as a legible copy of the sales docket) to Uniden at the addresses shown below. You should contact Uniden regarding any compensation that may be payable for your expenses incurred in making a warranty claim. Prior to delivery, we recommend that you make a backup copy of any phone numbers, images or other data stored on your Product, in case it is lost or damaged during warranty service.

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